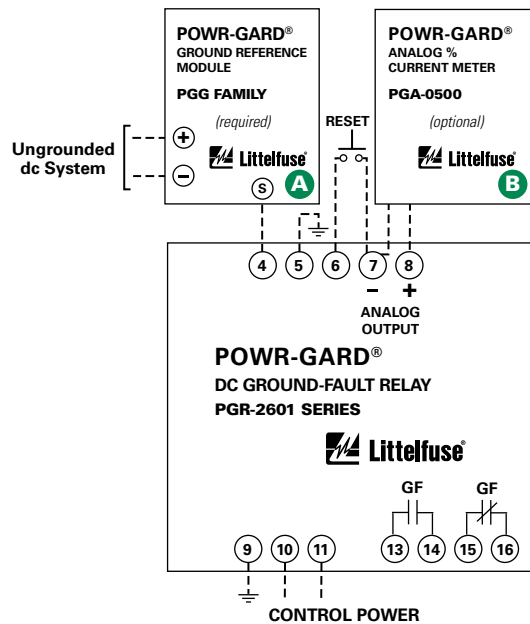


PGR-2601 SERIES

DC Ground-Fault Relay



Wiring Diagram



Ordering Information

CATALOG/SYSTEM NUMBER	CONTROL POWER
PGR-2601-OD	9-36 Vdc
PGR-2601-OT	32-70 Vdc
PGR-2601-OU	75-275 Vac/dc

ACCESSORIES	REQUIREMENT	PAGE
PGG Family	Required	39
PGA-0500	Optional	41

Note: For optional conformal coating please consult factory.

Description

The PGR-2601 is a microprocessor-based ground-fault relay for ungrounded dc systems. It provides sensitive ground-fault protection without the problems associated with nuisance tripping. Ground-fault current is sensed using a PGG Family Ground-Reference Module—a resistor network that limits ground-fault current to 25 mA. The PGR-2601 is used on ungrounded dc systems ranging from industrial 24-Vdc control circuits to 1000-Vdc transportation systems.

Features & Benefits

FEATURES	BENEFITS
Adjustable Pickup (1–20 mA)	Sensitive setting provides a wide range of low-level protection
Adjustable Time Delay (50 ms–2.5 s)	Adjustable trip delay allows quick protection or delayed response
Output Contacts	Form A and Form B ground-fault output contacts for operation of separate annunciation and trip circuits
Analog Output (0–5V)	Provides means for connecting to a meter (PGA-0500) or a control system
Non-Volatile Trip Memory	Retains trip state when de-energized to simplify troubleshooting
Selectable Contact Operating Mode	Selectable fail-safe or non-fail-safe operating modes allows connection to shunt or undervoltage breaker coil
Microprocessor Based	No calibration required saves on maintenance cost

Accessories

A



PGG Family Ground Reference Module

Required accessory, used to connect the PGR-2601 Ground-Fault Relay to a dc bus.

B



PGA-0500 Analog % Current Meter

Optional panel-mounted analog meter displays ground-fault current as a percentage of 22 mA.

Specifications

IEEE Device Numbers

Input Voltage

Dimensions

Trip Level Settings

Trip Time Settings

Output Contacts

Contact Operating Mode

Test Button

Reset Button

Communications

Conformally Coated

Warranty

Mounting

DC Overcurrent Relay (76G)

See ordering information

H 75 mm (3.0"); W 55 mm (2.2"); D 115 mm (4.5")

1 – 20 mA

0.05 s – 2.5 s

Isolated Form A and Form B

Selectable fail-safe or non-fail-safe

Standard feature

Standard feature

Analog output

Consult factory

5 years

DIN, Surface (standard)

Panel (with PGK-0055 or PGK-0060 adapter)